

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits    | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|---|------------------|---------|---------------------|
| S1    | 267     | 398/34.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/02<br>13:22 |
| S2    | 221     | 398/75.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/02<br>13:22 |
| S3    | 388     | 398/98.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/02<br>13:22 |
| S4    | 1358127 | (control\$4 or sync or synchronization) adj3 signal\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/02<br>13:26 |
| S5    | 814     | S1 or S2 or S3   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/02<br>13:26 |
| S6    | 392     | S4 and S5  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/02<br>13:29 |
| S7    | 81134   | (control\$4 or sync or synchronization) adj3 signal\$4 same (timeslot or time adj slot or frame) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/01/02<br>13:30 |

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| S8  | 84      | S5 and S7                                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>13:30 |
| S9  | 191     | 398/102.ccls.                                   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>13:56 |
| S10 | 46919   | wdm or wavelength adj<br>division               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>13:57 |
| S11 | 89      | S9 and S10                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>13:57 |
| S12 | 332315  | overhead  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:18 |
| S13 | 144     | S5 and S12                                      | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:18 |
| S14 | 1669829 | (control\$4 or sync or<br>synchronization).clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:20 |
| S15 | 92      | S13 and S14                                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:20 |

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|-----|-------|---|---|----|----|---------------------|
| S16 | 6834  | wdm.clm. or wavelength<br>adj division.clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:21 |
| S17 | 29    | S15 and S16                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:21 |
| S18 | 17792 | overhead.clm.                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:22 |
| S19 | 952   | S5 or S9                                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:22 |
| S20 | 56    | S14 and S16 and S18                         | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:22 |
| S21 | 7     | S19 and S20                                 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/01/02<br>14:22 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query   | DBs            | Default Operator | Plurals | Time Stamp       |
|-------|------|----------------|----------------|------------------|---------|------------------|
| L1    | 165  | 398/102.ccls.  | USPAT;<br>UPAD | OR               | ON      | 2010/01/02 14:30 |
| L2    | 171  | 398/34.ccls.   | USPAT;<br>UPAD | OR               | ON      | 2010/01/02 14:31 |
| L3    | 173  | 398/75.ccls.   | USPAT;<br>UPAD | OR               | ON      | 2010/01/02 14:31 |
| L4    | 279  | 398/98.ccls.   | USPAT;<br>UPAD | OR               | ON      | 2010/01/02 14:31 |
| L5    | 569  | L2 or L3 or L4 | USPAT;<br>UPAD | OR               | ON      | 2010/01/02 14:31 |

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|-----|---------|--|----------------|----|----|------------------|
| L6  | 690     | 1 or 5   | USPAT;<br>UPAD | OR | ON | 2010/01/02 14:31 |
| L7  | 3880    | wdm.clm. or wavelength<br>adj division.clm.                  | USPAT;<br>UPAD | OR | ON | 2010/01/02 14:32 |
| L8  | 1075674 | (control\$4 or sync or<br>synchronization).clm.              | USPAT;<br>UPAD | OR | ON | 2010/01/02 14:32 |
| L9  | 13164   | overhead.clm.  | USPAT;<br>UPAD | OR | ON | 2010/01/02 14:32 |
| L10 | 8918    | 7 aand 8 and 9   | USPAT;<br>UPAD | OR | ON | 2010/01/02 14:32 |
| L11 | 32      | 7 and 8 and 9  | USPAT;<br>UPAD | OR | ON | 2010/01/02 14:32 |
| S22 | 171     | 398/34.ccls.   | USPAT;<br>UPAD | OR | ON | 2010/01/02 13:49 |
| S23 | 173     | 398/75.ccls.   | USPAT;<br>UPAD | OR | ON | 2010/01/02 13:50 |
| S24 | 279     | 398/98.ccls.   | USPAT;<br>UPAD | OR | ON | 2010/01/02 13:50 |
| S25 | 569     | S22 or S23 or S24  | USPAT;<br>UPAD | OR | ON | 2010/01/02 13:50 |
| S26 | 546771  | (control\$4 or sync or<br>synchronization) adj3<br>signal\$4 | USPAT;<br>UPAD | OR | ON | 2010/01/02 13:50 |

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